

## ABSTRACT OF THE DISCLOSURE

A multi-dimensional table data management unit inserts two bookmarks into a sequence of two-dimensional tables to define a plurality of tables, enclosed by the bookmarks, as a three-dimensional storage area (box). Normally, the unit defines a storage position, in which the item data of the box is stored, as three-dimensional data cubes (i, j, k). The multi-dimensional table data management unit allows the user to perform sorting, calculation, or box rotation of three-dimensional item data based on the three-dimensional item data.